



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 89 53 13

Classification of the application (IPC):

G10L 21/0364, G06K 9/00, G06K 9/62, H03G 3/32, G10L 21/0216, G10L 25/60, G10L, G06K, H03G
H03G 7/00, H03G 9/00

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2012263317 A1 (SHIN JONGWON [US] ET AL) 18 October 2012 (2012-10-18) * paragraph [0010] * * paragraph [0081] * * paragraphs [0089] - [0090] * * paragraphs [0107] - [0111] * * paragraphs [0142] - [0146] * * paragraph [0155] * * paragraphs [0158] - [0159] * * paragraphs [0205] - [0208]; figures 26A,26B * * paragraph [0209]; figure 27A *	1, 3-5, 12, 13 2, 6-11, 14, 15
Y	WO 03019125 A1 (NANYANG TECHONOLOGICAL UNIVERS [SG]; YANG JUN [SG] ET AL.) 06 March 2003 (2003-03-06) * page 1, lines 5-9 * * page 4, lines 12-16 * * page 14, line 26 - page 15, line 17; figure 4 *	2, 6, 14
Y	WO 2013058728 A1 (NUANCE COMMUNICATIONS INC [US]; HERBIG TOBIAS [DE] ET AL.) 25 April 2013 (2013-04-25) * paragraph [0004] * * paragraphs [0116] - [0117] *	7-11, 15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 11 June 2020	Examiner Torcal Serrano, C
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 11-06-2020
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			WO	2012142270 A1	18-10-2012
WO 03019125	A1	06-03-2003	US	2004264707 A1	30-12-2004
			WO	03019125 A1	06-03-2003
WO 2013058728	A1	25-04-2013	EP	2766901 A1	20-08-2014
			US	2014337016 A1	13-11-2014
			WO	2013058728 A1	25-04-2013